# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 7430 | pixel near10 drain near10 contact | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/20 15:14 |
| L2 | 3150 | (pixel near10 drain near10 contact) and "349"/$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/20 15:15 |
| L3 | 2662 | (pixel near10 drain near10 (contact adj hole)) and "349"/$.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/20 15:16 |
| L4 | 1126 | (pixel near10 drain near10 (contact adj hole)) and "349"/$.ccls. | USPAT | OR | ON | 2007/11/20 15:17 |
| L5 | 1087 | ((pixel adj electrode) near10 drain near10 (contact adj hole)) and "349"/$.ccls. | USPAT | OR | ON | 2007/11/20 15:17 |
| L6 | 265 | ((pixel adj electrode) near10 drain near10 (contact adj hole)) and direct and "349"/$.ccls. | USPAT | OR | ON | 2007/11/20 15:25 |
| L7 | 0 | ((pixel adj electrode) near10 drain near10 (connect with direct)) and "349"/$.ccls. | USPAT | OR | ON | 2007/11/20 15:26 |
| L8 | 279 | ((pixel adj electrode) near10 drain near10 connect) and "349"/$.ccls. | USPAT | OR | ON | 2007/11/20 15:47 |
| L9 | 21 | ((pixel adj electrode) near10 drain near10 connect) and "349"/$.ccls. and (without near10 hole) | USPAT | OR | ON | 2007/11/20 15:48 |
| L10 | 28 | cutting-off adj plate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/20 16:01 |

# EAST Search History

| L11 | 332 | (cutting-off) near10 plate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/20 16:02 |
|---|---|---|---|---|---|---|
| S48 | 927 | 349/149 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 13:31 |
| S49 | 963 | 349/187 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 15:26 |
| S50 | 27 | cutting-off adj plate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/02 14:54 |
| S51 | 4883 | expos$4 near10 pad near10 etch$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/19 15:38 |
| S52 | 237 | (expos$4 near10 pad near10 etch$4) and gate and data and semiconductor and pixel and mask$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 11:15 |

| S53 | 239 | ("1954691" \| "2851408" \| "2867541" \| "2959483" \| "3070441" \| "3108904" \| "3259782" \| "3314871" \| "3360450" \| "3525679" \| "3554889" \| "3665241" \| "3675063" \| "3755704" \| "3789471" \| "3808048" \| "3812559" \| "3855499" \| "3898146" \| "3947716" \| "3970887" \| "3998678" \| "4008412" \| "4075535" \| "4084942" \| "4139773" \| "4141405" \| "4143292" \| "4164680" \| "4168213" \| "4178531" \| "4307507" \| "4350926" \| "4482447" \| "4498952" \| "4507562" \| "4512912" \| "4513308" \| "4540983" \| "4542038" \| "4578614" \| "4588921" \| "4594527" \| "4633131" \| "4647400" \| "4663559" \| "4684353" \| "4684540" \| "4685996" \| "4687825" \| "4687938" \| "4710765" \| "4721885" \| "4728851" \| "4758449" \| "4763187" \| "4780684" \| "4788472" \| "4816717" \| "4818914" \| "4822466" \| "4827177" \| "4835438" \| "4851254" \| "4855636" \| "4857161" \| "4857799" \| "4874981" \| "4882659" \| "4889690" \| "4892757" \| "4899081" \| "4900584" \| "4908539" \| "4923421" \| "4926056" \| "4933108" \| "4940916" \| "4943343" \| "4956202" \| "4956574" \| "4964946" \| "4987007" \| "4990416" \| "4990766" \| "4994205" \| "5007873" \| "5015912" \| "5019003" \| "5036247" \| "5038070" \| "5043715" \| "5054046" \| "5054047" \| "5055077" \| "5055744" \| "5057047" \| "5063323" \| "5063327" \| "5064396" \| "5066883" \| "5075591" \| "5075595" \| "5075596" \| "5079476" \| "5085958" \| "5089292" \| "5089742" \| "5089812" \| "5090932" \| "5098737" \| "5101137" \| "5101288" \| "5103144" \| "5103145" \| "5117267" \| "5117299" \| "5119386" \| "5123039" \| "5124072" \| "5124558" \| "5126287" \| "5129850" \| "5132585" \| "5132676").PN. OR ("5136764" \| "5138237" \| "5140219" \| "5141459" \| "5141460" \| "5142184" \| "5142256" \| "5142390" \| "5144191" \| "5148078" \| "5148461" \| "5150011" \| "5150192" \| "5151061" \| "5153753" \| "5153901" \| "5155420" \| "5156770" \| "5157304" \| "5157309" \| "5162704" \| "5166456" \| "5173634" \| "5173635" \| "5173697" \| "5180951" \| "5183529" \| "5185178" \| "5186670" \| "5187578" \| "5191217" \| "5192240" \| "5194780" \| "5199917" \| "5199918" \| "5201992" \| "5202571" \| "5203731" \| "5204021" \| "5204581" \| "5205770" \| "5209687" \| "5210430" \| "5210462" \| "5212426" \| "5213712" \| "5214346" \| "5214347" \| "5214416" \| "5220725" \| "5227699" \| | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/19 16:28 |

11/20/07 4:16:32 PM
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| S54 | 24 | (expos$4 near10 pad near10 (dry adj etch$4)) and gate and data and semiconductor and pixel and mask$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/19 16:29 |
|-----|------|-----|-----|-----|-----|-----|
| S55 | 94 | (expos$4 near10 pad near10 etch$4) and gate and data and semiconductor and pixel and mask$4 and cut$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 11:08 |
| S56 | 2 | (expos$4 near10 pad near10 etch$4) and gate and data and semiconductor and pixel and mask$4 and cut$4-off | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/20 11:08 |
| S57 | 998 | 349/143 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/21 10:24 |
| S58 | 367 | 349/150 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/21 10:24 |
| S59 | 1653 | 349/43 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/21 10:25 |
| S60 | 357 | 349/43 and pad and expos$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 13:32 |
| S61 | 73 | 349/150 and pad and expos$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 13:33 |

| S62 | 131 | 349/152 and pad and expos$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 13:32 |
|-----|-----|------------------------------|-----|----|----|------|
| S63 | 114 | 349/143 and pad and expos$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/13 11:21 |
| S65 | 84 | 349/143 and pad and expos$4 and mask$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 13:33 |
| S67 | 66 | 349/152 and pad and expos$4 and mask$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 13:33 |
| S69 | 291 | 349/43 and pad and expos$4 and mask$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/21 10:39 |
| S70 | 111 | (expos$4 near10 pad near10 etch$4) and gate and data and semiconductor and pixel and mask$4 and ((mask cutting-off) near10 metal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 17:08 |
| S71 | 9 | (expos$4 near10 pad near10 etch$4) and gate and data and semiconductor and pixel and mask$4 and ((mask cutting-off) near10 metal) and ((three "3") adj mask$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 12:54 |
| S72 | 1857216 | (dry adj etch$4) nea10 insulat$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 17:11 |

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| S73 | 4990943 | S72 (liquid adh crystal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 17:10 |
|-----|---------|--------------------------|---------------------------------------------------|-----|-----|------------------|
| S74 | 2348219 | S72 (liquid adh crystal) and expos$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 17:10 |
| S75 | 150088 | (dry adj etch$4) nea10 insulat$4 near10 expos$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 17:15 |
| S76 | 11537 | S75 and (liquid adj crystal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 17:12 |
| S77 | 2992 | (S75 near10 remov$4)and (liquid adj crystal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 17:13 |
| S78 | 833 | (S75 near10 remov$4)and (liquid adj crystal) and pad | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 17:13 |
| S79 | 228 | (S75 near10 remov$4)and (liquid adj crystal) and (gate adj pad) and (data adj pad) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 17:14 |
| S80 | 1281 | (dry adj etch$4) near10 insulat$4 near10 expos$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 17:15 |

| S81 | 40 | (dry adj etch$4) near10 insulat$4 near10 expos$4 and (gate adj pad) and (data adj pad) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/23 17:16 |
|-----|-----|-----|-----|-----|-----|-----|
| S82 | 401 | 349/43 and pad and expos$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 13:32 |
| S83 | 155 | 349/152 and pad and expos$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 13:32 |
| S84 | 96 | 349/143 and pad and expos$4 and mask$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 13:33 |
| S85 | 86 | 349/150 and pad and expos$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 13:33 |
| S86 | 80 | 349/152 and pad and expos$4 and mask$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/15 13:33 |
| S88 | 146 | 349/143 and pad and expos$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/13 11:21 |
| S89 | 425 | 349/43 and pad and expos$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/13 11:21 |

| S90 | 1193 | 349/187 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/13 11:21 |
|-----|------|---------|------|-----|-----|------------------|
| S91 | 1096 | 349/187 and @ad<"20031117" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 15:26 |
| S92 | 493 | 349/187 and @ad<"20031117" and mask | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 15:34 |
| S93 | 508 | 349/187 and @ad<"20031117" and mask$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 15:36 |
| S94 | 605 | "349"/$.ccls. and @ad<"20031117" and mask$4 and gate and data and pad and pixel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/27 15:41 |
| S95 | 104 | "349"/$.ccls. and @ad<"20031117" and mask$4 and gate and data and pad and pixel and (thin adj film adj transistor adj array) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 16:16 |
| S96 | 565 | "349"/$.ccls. and @ad<"20031117" and mask$4 and gate and data and pad and pixel and ((thin adj film adj transistor adj array) TFT) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 17:21 |
| S97 | 67 | "349"/$.ccls. and @ad<"20031117" and mask$4 and gate and data and pad and pixel and ((thin adj film adj transistor adj array) TFT) and (cut$4 near10 off) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 16:55 |

| S98 | 22 | "349"/$.ccls. and @ad<"20031117" and mask$4 and gate and data and pad and pixel and ((thin adj film adj transistor adj array) TFT) and (cut$4 near10 off) and protect | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 16:56 |
|---|---|---|---|---|---|---|
| S99 | 129454 | ((protect$4 passivation) near10 substrate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 17:22 |
| S10 0 | 8486 | S99 and (liquid adj crystal) and (mask cutt$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 17:25 |
| S10 1 | 3687 | S100 and gate and data | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 17:24 |
| S10 2 | 3387 | S100 and gate and data and pixel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 17:25 |
| S10 3 | 13 | S99 and (liquid adj crystal) and mask and cutt$4-off | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 17:26 |
| S10 4 | 7424 | S99 and (liquid adj crystal) and mask | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 17:26 |

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|---|---|---|---|---|---|---|
| S10 5 | 2114 | S99 and (liquid adj crystal) and mask and pad | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 17:26 |
| S10 6 | 1031 | S99 and (liquid adj crystal) and mask and pad and cut$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 17:26 |
| S10 7 | 930 | S99 and (liquid adj crystal) and mask and pad and cut$4 and etch$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 17:27 |
| S10 8 | 405 | S99 and (liquid adj crystal) and (mask with process) and pad and cut$4 and etch$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 17:29 |
| S10 9 | 19 | S99 and (liquid adj crystal) and (mask with process) and pad and (cut$4 with plate) and etch$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 17:28 |
| S11 0 | 261 | S99 and (liquid adj crystal) and (mask with process) and pad and cut$4 and etch$4 and @ad<"20031117" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/04/09 17:29 |
| S11 1 | 28 | cutting-off adj plate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/20 16:01 |

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